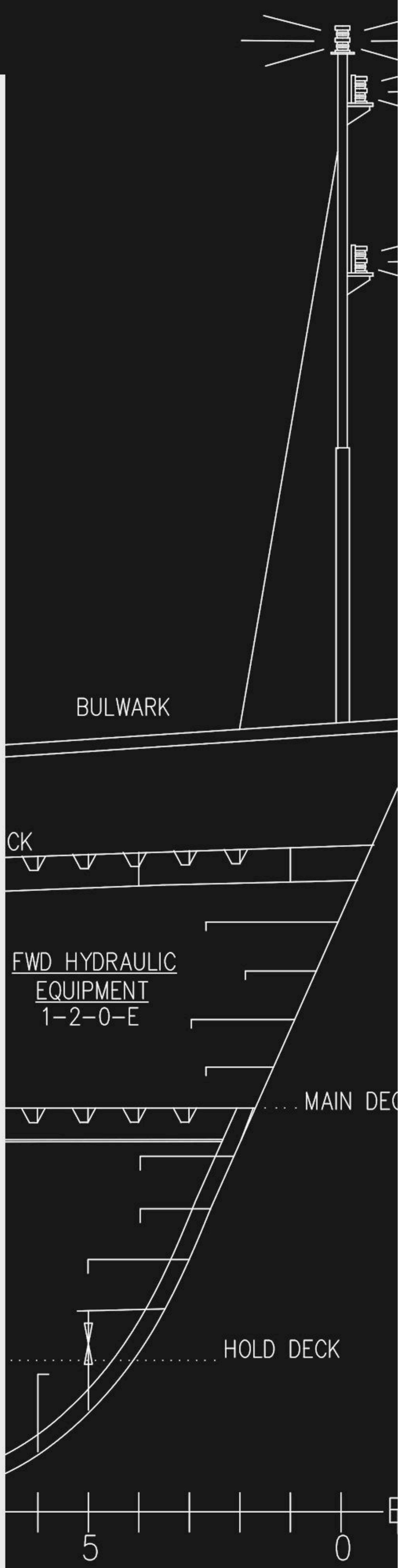
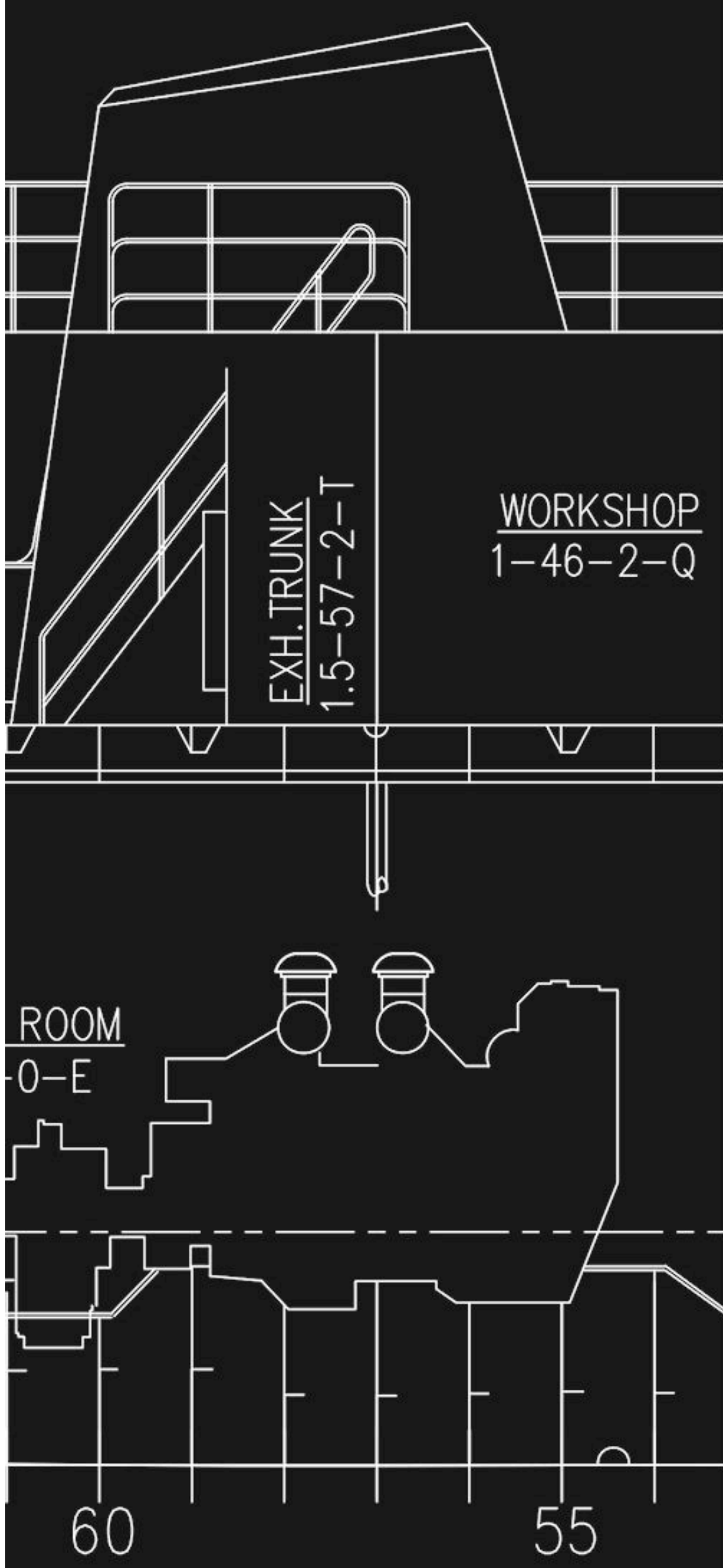




CENTERLINE INBOARD PROFILE
(GENERALLY LOOKING TO PORT)



0 1' 2' 4' 6' 8' 12' 16'
SCALE: 3/16" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER
D	OYLJ5	NF-085-001
SCALE: 3/16"=12"		CAD FILENAME NF085001-4A SHT 4

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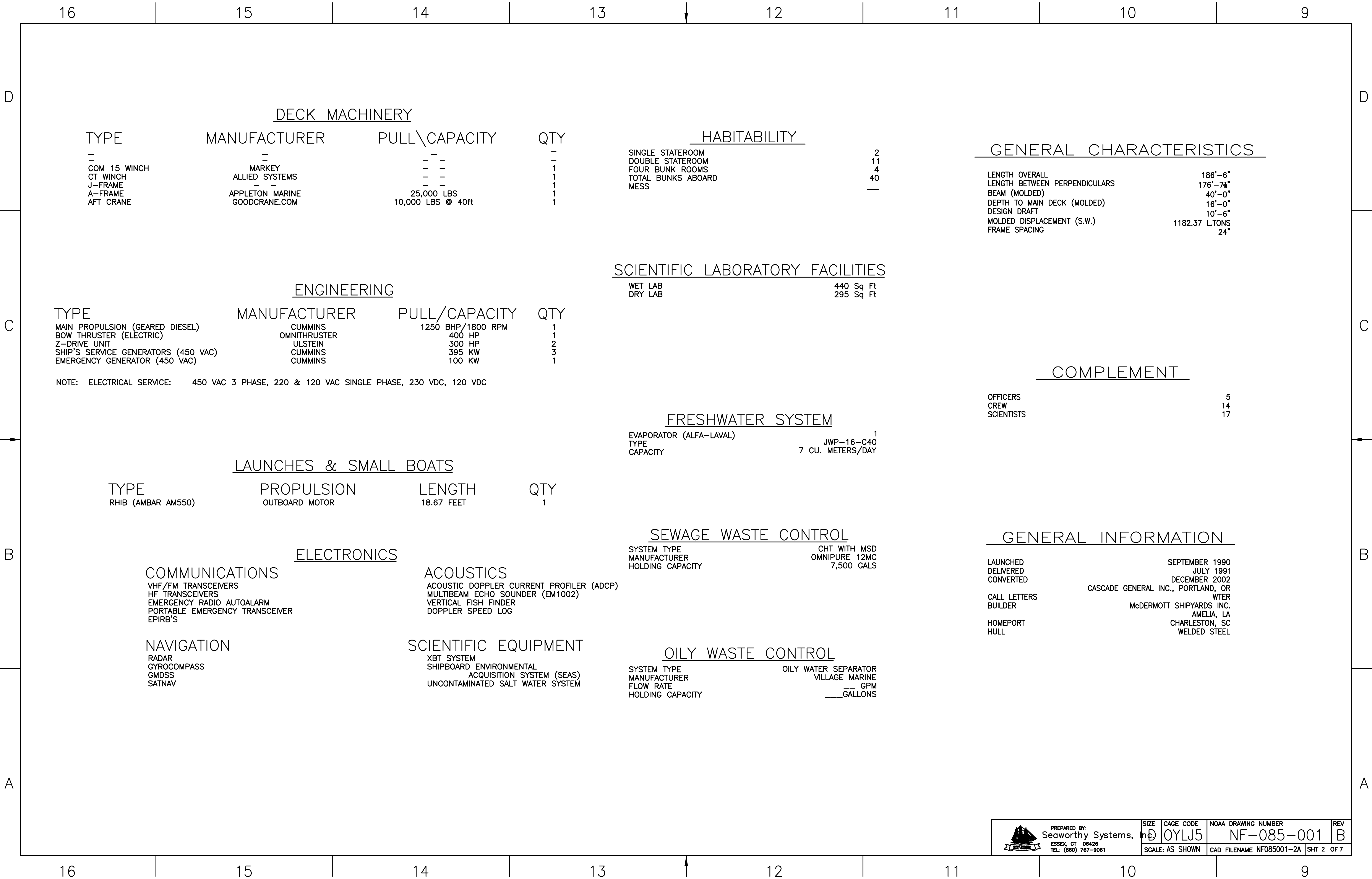
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DECK MACHINERY

TYPE	MANUFACTURER	PULL\CAPACITY	QTY
-	-	-	-
COM 15 WINCH	MARKEY	-	1
CT WINCH	ALLIED SYSTEMS	-	1
J-FRAME	-	-	1
A-FRAME	APPLETON MARINE	25,000 LBS	1
AFT CRANE	GOODCRANE.COM	10,000 LBS @ 40ft	1

HABITABILITY

SINGLE STATEROOM	2
DOUBLE STATEROOM	11
FOUR BUNK ROOMS	4
TOTAL BUNKS ABOARD	40
MESS	---

GENERAL CHARACTERISTICS

LENGTH OVERALL	186'-6"
LENGTH BETWEEN PERPENDICULARS	176'-7 7/8"
BEAM (MOLDED)	40'-0"
DEPTH TO MAIN DECK (MOLDED)	16'-0"
DESIGN DRAFT	10'-6"
MOLDED DISPLACEMENT (S.W.)	1182.37 L.TONS
FRAME SPACING	24"

ENGINEERING

TYPE	MANUFACTURER	PULL/CAPACITY	QTY
MAIN PROPULSION (GEARED DIESEL)	CUMMINS	1250 BHP/1800 RPM	1
BOW THRUSTER (ELECTRIC)	OMNITHRUSTER	400 HP	1
Z-DRIVE UNIT	ULSTEIN	300 HP	2
SHIP'S SERVICE GENERATORS (450 VAC)	CUMMINS	395 KW	3
EMERGENCY GENERATOR (450 VAC)	CUMMINS	100 KW	1

NOTE: ELECTRICAL SERVICE: 450 VAC 3 PHASE, 220 & 120 VAC SINGLE PHASE, 230 VDC, 120 VDC

SCIENTIFIC LABORATORY FACILITIES

WET LAB	440 Sq Ft
DRY LAB	295 Sq Ft

COMPLEMENT

OFFICERS	5
CREW	14
SCIENTISTS	17

FRESHWATER SYSTEM

EVAPORATOR (ALFA-LAVAL)	1
TYPE	JWP-16-C40
CAPACITY	7 CU. METERS/DAY

LAUNCHES & SMALL BOATS

TYPE	PROPULSION	LENGTH	QTY
RHIB (AMBAR AM550)	OUTBOARD MOTOR	18.67 FEET	1

SEWAGE WASTE CONTROL

SYSTEM TYPE	CHT WITH MSD
MANUFACTURER	OMNIPURE 12MC
HOLDING CAPACITY	7,500 GALS

GENERAL INFORMATION

LAUNCHED	SEPTEMBER 1990
DELIVERED	JULY 1991
CONVERTED	DECEMBER 2002
	CASCADE GENERAL INC., PORTLAND, OR
CALL LETTERS	WTER
BUILDER	McDERMOTT SHIPYARDS INC.
	AMELIA, LA
HOMEPORT	CHARLESTON, SC
HULL	WELDED STEEL

ELECTRONICS

COMMUNICATIONS

VHF/FM TRANSCEIVERS
HF TRANSCEIVERS
EMERGENCY RADIO AUTOALARM
PORTABLE EMERGENCY TRANSCEIVER
EPIRB'S

ACOUSTICS

ACOUSTIC DOPPLER CURRENT PROFILER (ADCP)
MULTIBEAM ECHO SOUNDER (EM1002)
VERTICAL FISH FINDER
DOPPLER SPEED LOG

NAVIGATION

RADAR
GYROCOMPASS
GMDSS
SATNAV

SCIENTIFIC EQUIPMENT

XBT SYSTEM
SHIPBOARD ENVIRONMENTAL
ACQUISITION SYSTEM (SEAS)
UNCONTAMINATED SALT WATER SYSTEM

OILY WASTE CONTROL

SYSTEM TYPE	OILY WATER SEPARATOR
MANUFACTURER	VILLAGE MARINE
FLOW RATE	___ GPM
HOLDING CAPACITY	___ GALLONS

